

Table ENG-1. - Construction Materials

King William County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:					
Altavista	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.91
Tomotley	5	Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	
1B:					
Altavista	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.91
Tomotley	5	Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	
2A:					
Bama	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Emporia		Not Rated		Not Rated	
Eulonia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
2B:					
Bama	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Emporia		Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2B:					
Eulonia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
3A:					
Bibb	45	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.09
		Thickest layer	0.00	Thickest layer	0.41
Kinston	40	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.07
Myatt	5	Not Rated		Not Rated	
4A:					
Bohicket	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lanexa	4	Not Rated		Not Rated	
Mattan	3	Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated	
5A:					
Bojac	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	0.24
Tomotley	5	Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Tarboro		Not Rated		Not Rated	
6A:					
Bojac	80	Poor		Good	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	>0.99
Tomotley	3	Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6A:					
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tarboro		Not Rated		Not Rated	
6B:					
Bojac	80	Poor		Good	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	>0.99
Tomotley	3	Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tarboro		Not Rated		Not Rated	
7A:					
Catpoint	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.94
		Thickest layer	0.00	Thickest layer	>0.99
Osier	5	Not Rated		Not Rated	
Eunola		Not Rated		Not Rated	
Kenansville		Not Rated		Not Rated	
Pactolus		Not Rated		Not Rated	
8A:					
Conetoe	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.63
		Thickest layer	0.00	Bottom layer	0.99
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
Tarboro		Not Rated		Not Rated	

9A:

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9A:					
Daleville	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Myatt	5	Not Rated		Not Rated	
Eulonia		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
10A:					
Emporia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.07
Bama		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
Uchee		Not Rated		Not Rated	
10B:					
Emporia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.07
Bama		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
Uchee		Not Rated		Not Rated	
11A:					
Eulonia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.02
		Thickest layer	0.00	Bottom layer	0.09
Myatt	3	Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated	
Emporia		Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11A:					
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
11B:					
Eulonia	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.02
		Thickest layer	0.00	Bottom layer	0.09
Myatt	3	Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated	
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
12A:					
Eunola	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.08
Myatt	5	Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
12B:					
Eunola	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.08
Myatt	5	Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
13A:					
Kempsville	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.03
		Thickest layer	0.00	Thickest layer	0.09
Emporia		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
13B:					

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13B:					
Kempsville	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.03
		Thickest layer	0.00	Thickest layer	0.09
Emporia		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
14A:					
Kenansville	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.52
		Thickest layer	0.00	Thickest layer	0.80
Catpoint		Not Rated		Not Rated	
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
Pactolus		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
15A:					
Lanexa	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
		No organic matter limitation	>0.99	No organic matter limitation	>0.99
Bohicket	4	Not Rated		Not Rated	
Mattan	3	Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated	
16A:					
Mattan	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.22
		No organic matter limitation	>0.99	No organic matter limitation	>0.99
Lanexa	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A:					
Wehadkee	2	Not Rated		Not Rated	
17A:					
Munden	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	0.95
Tomotley	3	Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
Tarboro		Not Rated		Not Rated	
18A:					
Myatt	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	>0.99
Daleville	3	Not Rated		Not Rated	
Osier	2	Not Rated		Not Rated	
Eunola		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
19A:					
Nansemond	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	0.41
Myatt	3	Not Rated		Not Rated	
Osier	2	Not Rated		Not Rated	
Catpoint		Not Rated		Not Rated	
Eunola		Not Rated		Not Rated	
Pactolus		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated	

20A:

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20A:					
Osier	80	Poor		Good	
		Bottom layer	0.00	Thickest layer	0.49
		Thickest layer	0.00	Bottom layer	>0.99
Myatt	5	Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
Pactolus		Not Rated		Not Rated	
21A:					
Pactolus	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.41
		Thickest layer	0.00	Thickest layer	0.41
Myatt	3	Not Rated		Not Rated	
Osier	2	Not Rated		Not Rated	
Catpoint		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
22D:					
Remlik	40	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.06
		Thickest layer	0.00	Thickest layer	0.20
Nevarc	35	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.02
Bibb	3	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
22F:					
Remlik	40	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.06
		Thickest layer	0.00	Thickest layer	0.20

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22F:					
Nevarc	35	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.02
Bibb	3	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
23A:					
Riverview	80	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.65
Mattan	4	Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated	
24A:					
Roanoke	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.03
Tomotley	5	Not Rated		Not Rated	
Altavista		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
25A:					
Seabrook	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.62
		Thickest layer	0.00	Bottom layer	0.95
Bojac		Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Tarboro		Not Rated		Not Rated	

26A:

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26A:					
Slagle	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.02
Myatt	3	Not Rated		Not Rated	
Emporia		Not Rated		Not Rated	
Eulonia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
26B:					
Slagle	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.02
Myatt	3	Not Rated		Not Rated	
Emporia		Not Rated		Not Rated	
Eulonia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
27A:					
State	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.49
Tomotley	3	Not Rated		Not Rated	
Altavista		Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated	
27B:					
State	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.49
Tomotley	3	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27B:					
Altavista		Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated	
28A:					
Suffolk	40	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.08
		Thickest layer	0.00	Bottom layer	0.95
Rumford	35	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	>0.99
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
28B:					
Suffolk	40	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.08
		Thickest layer	0.00	Bottom layer	0.95
Rumford	35	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	>0.99
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
29B:					
Tarboro	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.93
		Thickest layer	0.00	Bottom layer	>0.99
Bojac		Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29B:					
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
29D:					
Tarboro	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.93
		Thickest layer	0.00	Bottom layer	>0.99
Bojac		Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
29F:					
Tarboro	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.93
		Thickest layer	0.00	Bottom layer	>0.99
Bojac		Not Rated		Not Rated	
Conetoe		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
30A:					
Tomotley	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Roanoke	4	Not Rated		Not Rated	
Altavista		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
Seabrook		Not Rated		Not Rated	
31B:					
Udorthents	80	Not Rated		Not Rated	
32A:					
Wehadkee	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Table ENG-1. - Construction Materials - Continued

King William County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32A:					
Mattan	5	Not Rated		Not Rated	
Riverview		Not Rated		Not Rated	
33A:					
Wickham	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.39
Altavista		Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	
33B:					
Wickham	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.39
Altavista		Not Rated		Not Rated	
Bojac		Not Rated		Not Rated	
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	